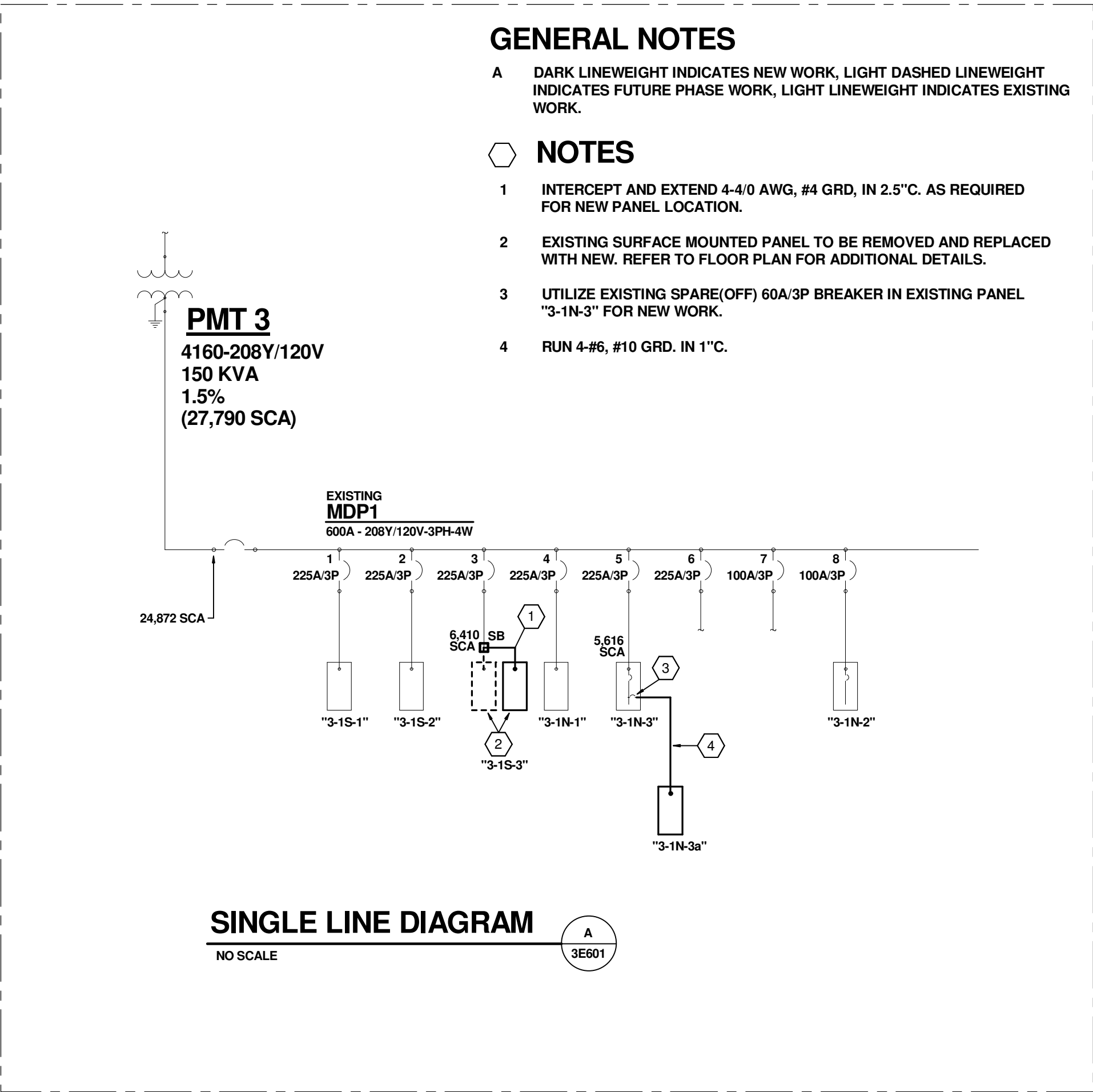


MOTOR STARTER DISCONNECT AND CONTROLS																																																
MARK	NAMEPLATE	MOTOR							STARTER							DISCONNECT MEANS							CONTROL			FEEDER																						
		CHARACTERISTICS							LOCATION							TYPE							LOCATION																									
		HORSEPOWER (HP)	LOAD (KVA)	120V-1PH	208V-1PH	200V-3PH	240V-1PH	277V-1PH	480V-1PH	480V-3PH	ROOM NUMBER	ROOM NAME	NEMA SIZE	MANUAL	MAGNETIC	BUILT-IN MOTOR O/L	2-SPEED	VFD	SEE NOTE	NEAR MOTOR	MOTOR CONT CENTER	EQUIP CONT PANEL	ROOM NUMBER	SEE NOTE	FURNISHED BY	DISC SWITCH	MANUAL STARTER	RECEPTACLE	FEEDER SW OR BREAKER	NEMA TYPE	DISC SIZE	PULSE SIZE	NEAR MOTOR	MOTOR CONT CENTER	EQUIP CONT PANEL	PANELBOARD	SEE NOTE	FURNISHED BY	INTERLOCK WITH MOTOR NO. BY E.C.	MANUAL AT STARTER	INTEGRAL WITH EQUIPMENT	FURNISHED BY	SEE NOTE	NUMBER OF CONDUCTORS	WIRE SIZE	GRADING SIZE	CONDUIT SIZE	SEE NOTE
3-AHU2	AH UNIT		1.248		•						MECH. RM. 106M													DIV 23	•										DIV 26			DIV 23	2	12	12	0.75						
3-CU1	OUTDOOR UNIT		27.957			•					OUTSIDE															•									DIV 26			DIV 23	3	2	8	1.25						
3-CU2	OUTDOOR UNIT		6.032			•					OUTSIDE															•									DIV 26			DIV 23	3	2	8	10	0.75					
3-EF1	EXHAUST FAN		0.4			•					WAITING	0	•										100A	DIV 26	•									DIV 23	•		DIV 23	3	2	12	12	0.75						
3-RF1	RETURN FAN	1.5	2.12			•					ROOF							•				100A	DIV 26	•										DIV 26	•		DIV 23	3	12	12	0.75							
3-SF1	SUPPLY FAN	7.5	8.7			•					MECH. RM.								•					DIV 26	•									DIV 26	•		DIV 23	3	8	10	0.75							

Panel: 3-1S-3											
Location: Elec. 100A				Mounting: Surface				A.I.C. Rating:			
Supply From:				Enclosure: Type 1				Mains Type: M.B.			
Voltage: 120/208 Wye-3PH-4W								Mains Rating: 225 A			
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	Lighting	20 A	1	768 VA	768 VA		1	20 A	Lighting	2	
3	Lighting	20 A	1		640 VA	512 VA		1	20 A	Lighting	4
5	Receptacle	20 A	1			900 VA	672 VA	1	20 A	Lighting	6
7	Receptacle	20 A	1	900 VA	1080			1	20 A	Receptacle	8
9	Receptacle	20 A	1		900 VA	900 VA		1	20 A	Receptacle	10
11	Receptacle	20 A	1			900 VA	900 VA	1	20 A	Receptacle	12
13	Receptacle	20 A	1	900 VA	900 VA			1	20 A	Receptacle	14
15	Receptacle	20 A	1		900 VA	900 VA		1	20 A	Receptacle	16
17	Receptacle	20 A	1			900 VA	900 VA	1	20 A	Receptacle	18
19	Receptacle	20 A	1	900 VA	900 VA			1	20 A	Receptacle	20
21	Receptacle	20 A	1		720 VA	900 VA		1	20 A	Receptacle	22
23	Receptacle	20 A	1			900 VA	900 VA	1	20 A	Receptacle	24
25	Receptacle	20 A	1	900 VA	500 VA			1	20 A	Receptacle	26
27	Receptacle	20 A	1		1180	540 VA		1	20 A	Receptacle	28
29	3-CU1	100	3			9319	2900	3	40 A	3-SF1	30
31	--	--	--	9319	2900			--	--	--	32
33	--	--	--		9319	2900		--	--	--	34
35	3-EF1	20 A	1	180 VA		400 VA	707 VA	3	20 A	3-RF1	36
37	Control PNL	20 A	1	180 VA	707 VA			--	--	--	38
39	AH Rec/Lts	20 A	1		180 VA	707 VA		--	--	--	40
41	Spare	20 A	1			0 VA	0 VA	1	20 A	Spare	42
43	Spare	20 A	1					1	20 A	Spare	44
45	Spare	20 A	1			0 VA	0 VA	1	20 A	Spare	46
47	Space	--	--			0 VA	0 VA	--	--	Space	48
49	Space	--	--	0 VA	0 VA			--	--	Space	50
51	Space	--	--		0 VA	0 VA		--	--	Space	52
53	Space	--	--			0 VA	0 VA	--	--	Space	54
Total Load:				21.62 kVA	21.20 kVA	20.30 kVA					
Notes: REFER TO SINGLE LINE FOR FAULT CURRENT RATING.											
TOTAL CONNECTED						ESTIMATED DEMAND					
63.12 kVA						54 KVAD (150A)					

Panel: 3-1N-3a											
Location: Mech. Rm. 106M				Mounting: Surface				A.I.C. Rating:			
Supply From:				Enclosure: Type 1				Mains Type: M.L.O.			
Voltage: 120/208 Wye-3PH-4W								Mains Rating: 60 A			
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	3-AHU2	15 A	2	624 VA	3016		2	50 A	3-CU2	2	
3		--	--		624 VA	3016		--		4	
5	Spare	20 A	1			0 VA	0 VA	1	20 A	Spare	6
7	Spare	20 A	1	0 VA	0 VA			1	20 A	Spare	8
9	Spare	20 A	1		0 VA	0 VA		1	20 A	Spare	10
11	Spare	20 A	1			0 VA	0 VA	1	20 A	Spare	12
13	Spare	20 A	1	0 VA	0 VA			1	20 A	Spare	14
15	Spare	20 A	1		0 VA	0 VA		1	20 A	Spare	16
17	Space	--	--			0 VA	0 VA	--	--	Space	18
19	Space	--	--	0 VA	0 VA			--	--	Space	20
21	Space	--	--		0 VA	0 VA		--	--	Space	22
23	Space	--	--			0 VA	0 VA	--	--	Space	24
25	Space	--	--	0 VA	0 VA			--	--	Space	26
27	Space	--	--		0 VA	0 VA		--	--	Space	28
29	Space	--	--			0 VA	0 VA	--	--	Space	30
Total Load:				3.64 kVA	3.64 kVA	0.00 kVA					
Notes: REFER TO SINGLE LINE FOR FAULT CURRENT RATINGS.											
TOTAL CONNECTED						ESTIMATED DEMAND					
7.28 kVA						6.2 KVAD (17A)					

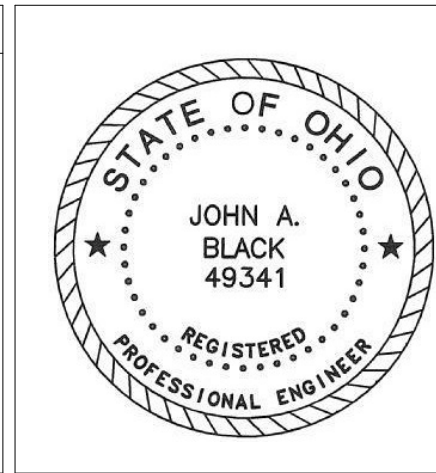


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1	ADDENDUM 2	3/13/14
Revisions	Date	

CONSULTANTS:

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Drawing Title

**SCHEDULES AND DETAILS**

Approved: Project Director

Project Title

**Renovate Occupational Therapy Building 3**

Location

**Chillicothe, Ohio**

Date

02/04/2013

Checked

MSG

Drawn

JAS

Project No.

VA Project No. 538-13-101  
JPA Project No. 11013.00

Building Number

**3**

Drawing Number

**3E601**

Dwg. of

xx

Office of Construction and Facilities Management

Department of Veterans Affairs

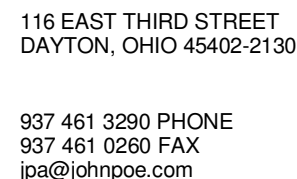
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- B. PROVIDE IDENTIFIED NEUTRAL FOR ALL 120V/240V CIRCUITS.
- C. PROVIDE PRINTED LABELS ON ALL RECEPTACLE AND SWITCH COVERPLATES INDICATING PANEL AND CIRCUIT NUMBER.
- D. EMT CONDUIT SHALL BE 0.75" MINIMUM.
- E. REFER TO DIVISION 22 ARCHITECTURAL DRAWINGS FOR LOCATIONS OF ALL PLUMBING EQUIPMENT. CONTRACTOR SHALL INSTALL ELECTRICAL CONDUIT FEEDERS THRU STRUCTURE TO ALLOW FOR FUTURE ADDITION OF OTHER TRADES OR FUTURE CEILING EQUIPMENT.
- F. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.
- G. MULTI-GANG BOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.
- H. INCLUDE ALL WORK NECESSARY TO INSTALL AND WIRE PHASES OF ALL DEVICES.
- I. REFER TO ARCHITECTURAL DRAWINGS AND GENERAL REQUIREMENTS SECTION 01 00 00.
- J. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT WALL LOCATIONS.
- K. REFER TO ARCHITECTURAL ELEVATIONS FOR RATED LOCATIONS OF DEVICES MOUNTED ABOVE OR BELOW CASES/DEVICES.



1	ADDENDUM 2	3/13/14
<i>Revisions</i>		<i>Date</i>

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Approved: Project Director

Date \_\_\_\_\_

Checked

Drawn

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SEP 10 1

Day. of x

Office of  
Construction  
and Facilities  
Management



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